Shawn DeFrees, et al.

Application No.: 10/549,528

Response to Office Action mailed 3/31/08

## **PATENT**

## Amendment to the Specification:

O.K. to enter

13 On page 74 of the specification, please replace paragraph [0280] with the following new 2

3 paragraph:

1

æåg 4 <del>10001</del>1 In Scheme 5, the mannosamine glycoside 1, is treated with the active ester of a

5 protected amino acid (e.g., glycine) derivative, converting the sugar amine residue into the

6 corresponding protected amino acid amide adduct. The adduct is treated with an aldolase to

7 form the sialic acid 2. Compound 2 is subjected to catalytic hydrogenation of to produce

8 compound 3. The amine introduced via formation of the glycine adduct is utilized as a locus of

9 PEG or PPG attachment by reacting compound 3 with an activated PEG or PPG derivative (e.g.,

10 PEG-C(O)NHS, PPG-C(O)NHS), producing 4 or 5, respectively.

## Scheme 5

PPG-C-NHS

SA-5-NHCOCH<sub>2</sub>NH—PPG

12

5

13